

WE ARE SIKA



SIKA SOLUTIONS FOR OIL & GAS INDUSTRY

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BUILDING TRUST



SIKA SOLUTIONS

FOR OIL & GAS INDUSTRY

SIKA'S INNOVATIVE TECHNOLOGIES

- Sika offers a range of services and state-of-the-art technological solutions to leading companies operating in the Oil & Gas Industry
- With refineries expanding and new manufacturing plants being built, Sika is devoted in supplying quality products and solutions into this rapidly expanding market.
- Our focus remains on technological advancements in the fields of roofing, flooring, tank lining, sealing & bonding, machinery grouting, concrete repair, pipes protection with strengthening and marine repair and protection
- Sustainability is in the heart of Sika's strategy.
- Innovation focuses on initiatives to extend life cycle of structures, conservation of resources and eco-friendly construction materials & protection products like for example the Sika Tuff-n-Nuff System
- Roof waterproofing, based on "Zero Flame & Zero Heat" systems, are ideal solutions where mitigation of fire risk is a first priority in the decision making process
- Sika has a strong focus on providing a full range of flooring and coating solutions for industrial areas which meet or exceed all standards and requirements for both new and refurbishment works
- Sika also offers Sealing & Bonding solutions with chemicals and hydrocarbon spillage resistance properties for floor joints, connection and saw cut joints in concrete, expansion joints, pipe joints etc
- Sika's extensive experience and know-how enables us to be responsive with solutions to cater for live plant environment with rapid delivery and high technical support



WATERPROOFING



CONCRETE



REFURBISHMENT



SEALING AND BONDING



FLOORING



ROOFING

OIL & GAS INDUSTRY

OPPORTUNITIES



TRANSMISSION & TERMINALS

- With Oil, Natural Gas, and Liquid Natural Gas now in abundance in the region, the infrastructure needs to be expanded to accommodate these increases
- Pipe-lines are needed to connect major supply areas, allowing for faster transportation and lowered costs
- Areas of application within this market will include product pipelines, compressor/ pump stations, bulk liquid storage and input terminals



OIL & GAS PRODUCTION

- Natural Gas and Liquid Natural Gas have become the new low-cost alternatives for fuel, making the need for conveniently located production facilities a high priority
- Production facilities are necessary for the success of the petroleum market as well as many other industries
- Areas of application within this market include bulk liquid storage tanks, warehouses and production process machinery (agitators, separators, blenders, etc.)



PETROLEUM REFINING

- With ever increasing sustainable production of Oil, Natural Gas and Liquid Natural Gas, refineries have become a necessity more than ever before
- These refineries will supply a lower cost fuel to existing markets as well as new & growing markets, & with crude oil production on decline, refineries must be either be built or retrofitted to handle natural & liquid natural gas too
- Areas of application within this market include process unit modifications, loading and unloading facilities, as well as tanks, bulk storage and blending systems

SIKA SOLUTIONS

FOR OIL & GAS INDUSTRY

1 GROUTING:

Machinery baseplates
Pumps
Compressors & steel structures
Cranes
Reciprocating Engines

PRODUCTS:

Sikadur® 42 LE
Sikadur® 42 MP Slow
SikaGrout® 214/...

2 CHEMICAL RESISTANT & PROTECTIVE COATINGS:

Secondary containment;
Above ground protective coating;
Water storage tanks;
Fuel depots, manholes & areas subject to chemical spills

PRODUCTS:

Sikalastic®-8800
Sikagard® 550 W
Sikagard®PW
Sikgard® 62/ 63
Poxitar®-LS



3 SEALANTS:

Expansion & construction joints or Fire resistant joints & openings, Concrete pavement Joints, Bund wall & precast Joints,
Fuel resistant

PRODUCTS:

Sikaflex® PRO 3
Sikaflex® 2C SL/NS
Sika® PolysulphidePG/GG
Sikacryl® 620/670 Fire
Sikaflex® 11 FC+

4 STRENGTHENING:

Blast proofing,
Concrete retrofitting,
Increased loading,
Dynamic loading

PRODUCTS:

SikaWrap® Fabrics
Sikadur® 300/330
Sika® CarboDur®
Plates & Rods

5 CONCRETE REPAIR & ANCHORING:

Foundations, Spall repairs
Cooling towers,
Storage tanks, Rebar,
Railings

PRODUCTS:

Sika® Armatec® 110
SikaTop & Sika MonoTop
SikaRep®
Sikacrete® 213F
AnchorFix®-3
Icosit KC

6 CRACK REPAIR:

Slabs, Walls,
Baseplates,
Beams,
Columns

PRODUCTS:

Sikadur® 52
Sikadur® 31 CF
Sika Injection

8 ROOFING:

Exposed roofs
Inverted roofs
Green roofs
Reflective roofs

PRODUCTS:

Sikalastic®-614
Sikalastic® MTC
Sikalastic®-851 R
Sikafill®
Sarnafil®

7 WATERPROOFING:

Pre-applied
Post-applied
Chemical resistant waterstops
Bulk liquid storage

PRODUCTS:

Sikaproof® A/P
SikaBit®
Sika®TopSeal 107
Sikaplan®
Igolflex® AE
Sika Waterbars®
SikaSwell® A/P
Sikadur-Combiflex®
SG System
Sika® 1/ WT range

POWER ENERGY

COMPLEMENTARY SOLUTIONS WITH SIKA

POWER YOUR PROJECT WITH SIKA CONCRETE ADMIXTURES

■ Naphthalene and PCE based Admixtures for High performance concrete

■ Waterproofers, corrosion Inhibitors, Shrinkage reducers, etc

For Extended Durability concrete:

■ Faster construction with high early strength concrete using Sika® Rapid 1 and SikaSet®

■ Sika® ViscoCrete® High Range Water Reducers for production of Self Compacting Concrete



ENERGYSMART ROOF

■ Sustainable, single-ply membranes & systems with heat-welded seams impervious to water & moisture penetration

■ Energy-saving reflective roofs, vegetated green roofs, solar-ready roofing & systems that simulate appearance of standing seam metal roof

■ Extended performance & reflective surfaces help to control capital expenses, HVAC operating costs & roof maintenance expenses



SIKAGARD® EPOXY COATINGS (Mechanical Rooms)

■ Chemical resistant

& moisture tolerant Epoxy coatings

■ Excellent adhesion to concrete

■ Superior abrasion resistance to long term wear

■ Outstanding chemical resistance for long-term protection



SOLAR & WIND MANUFACTURING, INSTALLATION & REPAIR

■ Industry leading 1C/2C silicone assembly products for concentrating & photovoltaic systems

■ SikaForce® 2C PUR & SikaDur® 2C epoxies for wind blades

■ High performing products for manufacturing & construction of wind turbines

■ Full range of products for renewable energy utility scale projects



REFURBISHMENT

■ Epoxy & Cement based grouting products for all projects

■ Complete line of repair mortars for concrete repair

■ Advanced structural retrofitting and strengthening systems for RC structures

■ Protection systems for concrete to increase durability



WATERPROOFING AND WATERTIGHT JOINTS

■ Special chemical resistant waterstops for concrete joints exposed to chemicals

■ Waterbars for concrete joints exposed to water

■ Chemical injection grouts for sealing leaking joints/cracks

■ SikaProof® (pre-applied) and SikaBit® (post-applied) waterproofing membranes for below grade concrete



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